New Barmese Plants,* (Part First),—*by* S. Kurz, Esq.

DILLENIACEÆ.

1. Dillenia pilosa, Roxb. Fl. Ind. II. 652, non Ham.

Arbor decidua magna ; folia adulta oblongo-obovata v. elliptico-oblonga, basi attenuata, obtusa v. rotundata, brevissime (2—3 lin.) petiolata, acuta v. obtusa, obsolete repando-dentata, 10—12 poll. longa, supra glabra, subtus secus nervos magis minusve pubescentia, juniora herbacea utrinque sparse pubescentia et petiolo foliaceo-alato subamplexicaulia ; flores aurei, 2—2½ poll. in diametro, solitarii ex apice ramulorum verruciformium, pedunculis c. pollicaribus pubescentibus suffulti ; series interior staminum exteriori duplo longior ; styli et carpella 6 ; carpella matura calyce aucto aurantiaco tomentello carnoso globoso circa pollicem crasso inclusa.—*Andamans.*

ANONACEÆ.

2. Miliusa sclerocarpa, (*Uvaria sclerocarpa*, DC. Mém. 27).

Arbor decidua, 40—50 pedalis, novellis tenuiter adpresse sericeis ; folia elliptico-oblonga ad oblonga, breviuscule petiolata, basi acuta, apiculata, chartacea, glabra ; flores flavidi, dioici, 7—8 lin. longi, pedicellis brevibus gracilibus pubescentibus sustenti, fasciculos depauperatos brevissime pedunculatos axillares efformantes ; sepala lineari-lanceolata, brevia, fulvo-tomentosa ; petala exteriora sepalis conformia sed paullo longiora ; petala interiora 7—8 lin. longa, lanceolata, obtusa, extus puberula, intus canescenti tomentosa ; stamina numerosa, in toro subgloboso dense aggregata ; flores feminei (cf. Hf. et Th. Fl. Ind.).—*Martaban, Tenasserim.*

MENISPERMACEÆ.

3. Melodorum (Pyramidanthe) macranthum, nov. sp.

Arbuscula 15—20 pedalis glabra gemmis fulvo-velutinis ; folia oblonga v. elliptico-oblonga, crasse et breviuscule petiolata, basi acuta, 6—7 poll. longa, brevius v. longius acuminata ; membranacea, glabra, nervis lateralibus arcuato-anastomosantibus, laxissime reticulata, utrinque pallide viridia ; flores albi, speciosi, pedunculo pollicari puberulo suffulti, solitarii et laterales ; sepala patentia, lato-ovata, 5—6 lin. longa, obtusiuscula, glabra, coriacea ; petala alba flavescentia, exteriora lineari-lanceolata, sub-5-polli-

* Further particulars regarding stations, affinity of species, &c., will be given in my forthcoming *Contributions towards a knowledge of the Barmese Flora,* which I hope to have ready for publication as soon as the acquittal of other engagements allow me the necessary leisure for arranging and preparing the large materials already worked up.

caria, acuminata, basi paullulo attenuata glabra, interiora brevia, pollicem circiter longa, conniventia, lanceolata, obtusa, extus puberula glabrescentia, intus minute villosula; carpella oblique oblonga, stylo subrecurvo ovario ipso longiore terminata; stamina numerosa, linearia; connectivum capitatum.—*Andamans.*

4. Tinospora nudiflora, (*Cocculus nudiflorus*, Griff. Not. Dicot. 307).

Frutex scandens deciduus, caulibus sparse tuberculatis junioribus dense subalbido-pubescentibus; folia adulta ignota, novella petiolis longis pubescentibus instructa, ovato-oblonga, basi sinuato-rotundata, breviter acuminata, subtus molliter et subalbido-pubescentia; flores feminei brunneo-lutei, solitarii, graciliter pedicellati bracteati racemos 3—4 pollicares glaberrimos in axillos foliorum delapsorum solitarios formantes; bracteolæ subulatæ, parvæ; sepala 6, exteriora parva reflexa, interiora magna recurva; petala 6, ochraceo-lutea; staminodia totidem setacea petalis opposita; ovaria 3, toro semigloboso inserta; drupæ cerasi majoris magnitudine v. majores aurantiaco-luteæ, læves et lucidæ, putamen 5—6 lin. long., album, carinatum, læviusculum nec tuberculatum, endocarpo limpido aquoso nidulans.—*Pegu, Martaban, Tenasserim.*

CAPPARIDEÆ.

5. Cratæva hygrophila, nov. sp.

Frutex 2—3 pedalis simplex v. 4—6 pedalis, parce ramosus, glaberrimus, cortice brunneo leucosticto; folia eadem ac in *C. religiosa;* flores solitarii axillares, parvuli ?; baccæ 1—2 pollicares, oblongo-cylindricæ, longe (1—2 poll.) stipitatæ, læves, brunneæ, leucostictæ.—*Pegu.*

POLYGALEÆ.

6. Salomonia longiciliata, nov. sp.

Herbula annua ramosa, alis membraneis secus ramos ramulosque et foliorum marginibus longe albido-ciliatis, cæterum glaberrima; folia vulgo obovata, raro ovalia, semipollicem circiter longa, basi in petiolum brevissimum attenuata, superiora sæpius sessilia, obtusa et mucronulata, membranacea, 3-nervia, ciliata; flores minuti, purpurei, longius v. brevius spicati, spicis terminalibus et sæpius lateralibus; bracteolæ minutæ, subulatæ, sæpius persistentes; capsulæ transverse oblongæ, compressæ, læves (nec reticulatæ), lato truncato-emarginatæ, lateribus dentibus subulatis biseriatis cristatæ, sursum ad sinum nudæ; semina nigra, nitentia.—*Pegu.*

7. Polygala Karensium, nov. sp.

Fruticulus vulgo 2—3 pedalis glaberrimus; folia lanceolata ad lato-lanceolata, 4—8 poll. longa, basi in petiolum longiusculum attenuata, acuminata, membranacea, glabra, subtus glauca; flores majusculi, 6—7 lin. longi, albidi, apicibus lilacinis, breve et graciliter pedicellati, racemosi, secundi; racemi terminales et axillares, glabri, 2—3 poll. longi, foliis bre-

viores; alæ carinâ paullo breviores, obovato-lanceolatæ, obtusæ; carina petalis interioribus duplo longior, cristata; crista biloba lobis multifidis; capsulæ parvæ, c. 2 lin. longæ et latæ, rotundatæ, membranaceæ, alâ duplici latâ apice profunde emarginatâ cinctæ, glabræ; semina obovata, sericea, carunculo brevissimo albo suffulta.—*Martaban.*

8. Polygala cardiocarpa, nov. sp.

Herbula debilis glabra, habitu *P. glaucescentis*, cauli a basi vulgo efoliato apicem versus ramoso; folia 1½—2 poll. longa, ovata v. oblongo-lanceolata, basi acuta v. acuminata et subdecurrentia, longiuscule petiolata, acuta, tenere membranacea, flaccidissima, glabra, subtus glauca; flores parvi, racemosi; racemi axillares et terminales, graciles; capsulæ brevissime sed gracillime pedicellatæ, chartaceæ, ovales, validinerves, alâ duplici latâ apicibus valde productâ et profunde emarginatâ quasi formam obcordatam assumentes.—*Tenasserim.*

HYPERICINEÆ.

9. Tridesmis pruniflora, nov. sp.

Arbuscula 25—30 pedalis, decidua, trunco ramulis spiniformibus armato, novellis tomentellis; folia lineari- ad lanceolato-oblonga, juniora obovato-oblonga v. oblonga, 4—5 poll. longa, breve et graciliter petiolata (petiolo tomentoso), basi obtusa v. acuta et nonnunquam subinæqualia, chartacea, supra asperiuscule tomentella, subtus tomentella et crasse reticulata; flores pulcherrimi, lilacini; pedicelli 3—4 lin. longi, tomentosi, 3—5-ni fasciculati v. subcymosi, supra foliorum cicatricibus orientes; sepala fulvescenti tomentosa; petala fimbriata, glandulæ oblongæ, teretes, obtusæ; phalanges planæ, basin versus latiusculæ, filamentis supra medio liberis; capsulæ oblongæ, acutæ. (*Cratoxylon pruniflorum*, Kurz, MS. olim).—*Barma.*

10. Cratoxylon neriifolium, n. sp.

Arbor decidua, 40—50 pedalis, glaberrima; folia lanceolata v. elliptico-lanceolata, c. 4 poll. longa, brevissime petiolata v. subsessilia, basi sub-sagittata, glabra, acuta v. obtusiuscula, subtus pallida et distincte reticulata; flores parvi, pedicellis brevissimis, 3—2-ni cymosi, pedunculi breves compressi terminales et vulgo in paniculam longiusculam glabram collecti; sepala oblonga, obtusa, coriacea, glabra; petala c. 3—4 lin. longa, rotundata; phalanges planæ, filamentis a medio liberis; glandulæ hypogynæ ovarii longitudine, carnosæ, clavatæ, obtusæ; capsulæ sepalis paullo longiores, ovatæ.—*Chittagong, Pegu, &c.*

GUTTIFERÆ.

11. Garcinia succifolia, nov. sp.

Arbor 30—35 pedalis, glaberrima; folia lanceolata ad oblongo-lanceolata, c. 2—4 poll. longa, breviuscule sed gracillime petiolata, basi acuta,

carnescente-herbacea (succo salino acido), vulgo acuta, glabra, nervis subtilibus secus margines anastomosantibus; flores albidi, parvi, solitarii v. terni, 2—3 lin. in diametro, breve crasseque pedicellata, terminales v. axillares; flores masc.: sepala 2 interiora petalis majora et tenuiora, nervosa; stamina numerosa, antheris oblongis marginatis planis 2-locularibus, in phalange erectâ brevi (lobatâ ?) subsessilibus; fl. fem. et fruct. ignoti.—*Pegu, Martaban.*

TILIACEÆ.

12. Grewia retusifolia, nov. sp.

Frutex 3—4 pedalis, velutino-tomentosus; folia obovata v. subobcordata, v. obcordato-ovalia, 2—3 poll. longa, brevissime petiolata, profunde retusa cum denticulo, argute duplicato-serrata, subcoriacea, supra minute et scabriuscule tomentella, subtus dense canescenti v. flavescenti tomentosa; flores ...... pedunculi breves, solitarii, axillares, hirsuti; torus brevis, dense hirsutus; drupæ rubicundæ, sparse hirsutæ, glabrescentes, pisi magnitudine, 2—lobæ lobis pyrenam solitariam 2—locularem includentibus.—*Pegu.*

13. Elæocarpus grandifolius, nov. sp.

Arbor novellis fulvo v. ferrugineo-tomentosis; folia largissima, 1—1¼ pedes longa, obovato-oblonga v. ovalia, petiolis crassissimis 4—6 lin. longis tomentosis suffulta, basin versus subattenuata et sæpius subdecurrentia v. rotundata, membranacea, acute v. breve acuminata, minute et remote serrato-dentata, subtus præsertim secus nervos pilosula, supra glabra et subnitentia; flores majores, pedicellis ½—1 poll. fulvo-tomentosis, in racemos fulvo- v. ferrugineo tomentosos collecti; sepala lineari-lanceolata, ferrugineo-tomentosa, semipollicaria; petala paullo longiora, extus ferrugineo-pubescentia, bifida, lobis fimbriato-fissis; antheræ numerosæ, graciles, filamentis longiores in aristam antheræ loculorum longitudine desinentes; ovarium dense pubescens; drupæ pollicares, compressiuscule oblongæ, fulvo-puberulæ; putamen compressiusculum, rugosum.—*Pegu, Martaban, Tenasserim.*

LINEÆ.

14. Erythroxylon Kunthianum, nov. sp.

Arbor glabra; folia 3—4 poll. longa, oblongo-lanceolata, basi obtusa, breve et graciliter petiolata, breve et obtuse acuminata, raro obtusa, integra, chartacea, subtus glauca; stipulæ subulatæ; flores parvi, albi, pedicellis 6 lin. longis sursum incrassatis suffulti, vulgo bini in foliorum axillis v. supra cicatricibus petiolorum delapsorum; petala oblonga, ligulâ magnâ bifidâ; stamina alternatim breviora, filamenta basibus latis cum staminum tubo cohærentia; ovarium ovatum; styli 3, breves et crassi, a basi liberi; drupæ monospermæ, elliptico-ovales.—*Martaban.*

RUTACEÆ.

15. Atalantia longispina, nov. sp.

Arbuscula spinis 1—1½ pollicaribus rectissimis cylindricis horride armata, glaberrima ; folia elliptica v. elliptico-oblonga, petiolis glabris 2—3 lin. longis inarticulatis, 3—4 poll. longa, acuta v. obtusa, glabra ; flores solitarii v. bini in foliorum axillis, parvi, brevissime pedicellati (pedicellis glabris) ; calyx glaber, 5—dentatus ; ovarium verosimiliter glabrum, 3—angulare, in stylum brevem attenuatum ; baccæ (immaturæ) pruni magnitudine, ovatæ, acuminatæ, toro brevi suffultæ.—*Pegu, Martaban.*

OCHNACEÆ.

16. Ochna Andamanica, nov. sp.

Arbuscula decidua, glaberrima ; folia oblonga, v. elliptico-lanceolata, c. 4—5 poll. longa, brevi-petiolata, acuta et mucronata, setaceo- v. subtiliter serrulata, chartacea, supra nitentia ; flores speciosi, aurei, pedicellis gracilibus breviusculis demum elongatis articulatis ; pedunculi brevissimi simplices in ramulis lateralibus efoliatis terminales ; filamenta antherarum longitudine v. paullum longiora ; petala 5, sepalis paullo longiora, obovata, in unguem latam sensim attenuata ; calycis fructigeri sepala omnia erecto-conniventia ; styli apice omnes liberi et patentes.—*Andamans.*

17. Ochna fruticulosa, nov. sp.

Frutex pygmaeus, 1—3 pedalis, glaberrimus, deciduus ; folia vulgò cuneato-oblonga ad oblongo-lanceolata, circ. 4—5 poll. longa, acuminata, acuta v. sub-obtusa, basi in petiolum brevissimum attenuata, chartacea, argute serrata ; flores speciosi, aurei, pedicellis longioribus v. brevioribus supportati ; pedunculi omnino reducti v. breves simplices s. ramosi ; petala 5, obovata, unguiculata ; filamenta antherarum longitudine ; stylus sepalorum longitudine v. paullo longior, gracillimus, filiformis ; stigma minutum, truncatum ; calycis fructigeri sepala erecto-conniventia.—*Pegu.*

BURSERACEÆ.

18. Canarium euphyllum, Kurz (in Andam. Rep. Append, B. 4).

Arbor magna, glabra ; folia 2—3 ped. longa, impari-pinnata, glabra ; foliola 9—10 poll. longa opposita pinnulis inferioribus minoribus, oblonga v. ovato-oblonga, basi oblique rotundata, abrupte apiculata, longiuscule petiolulata, chartacea, serrulata, nitentia, glabra, inter nervos utrinque 12—9 laterales valde reticulata ; stipulæ nullæ ? ; flores majusculi, albi, breve et distanter racemulosi, in paniculam 1½ ped. longam axillarem glaberrimam collecti ; calyx 3—fidus, lobis latis obtusiusculis ; petala 3, lanceolata, acuta, crassiuscula, ½ poll. circiter longa, extus tomentella ; glandulæ hypogynæ 6, ellipticæ, obtusæ, geminatim cohærentes, luteæ ; stamina 6, filamentis basi cohærentibus ; stylus simplex ; drupæ....—*Andamans.*

19. Canarium ? coccineo-bracteatum, (Kurz in Andam. Rep. Appendix B. 4).

Arbor mediocris, novellis fulvo velutinis ; folia impari-pinnata, 1—2 ped. longa, glabra ; foliola 3—4-juga, 5—7 poll. longa, opposita, breviuscule petiolulata, oblonga v. ovato-oblonga, basi inæquali-obtusa, in eademque arbore integerrima et setaceo-serrulata, acuminata, sub-coriacea, glabra, subtus inter nervos utrinque 10 laterales laxe reticulata, stipulæ majusculæ, profunde bifidæ et iterato fissæ, segmentis rigidis grosse dentatis puberulis ; flores (in alabastro) paniculas axillares coccineas tomentellas terminales efficientes ; bracteæ oblongæ, acutæ, tomentellæ, coccineæ.—*Andamans.*

MELIACEÆ.

20. Schizochiton grandiflorum, nov. sp.

Arbor mediocris novellis velutino-tomentosis v. pubescentibus ; folia alterna, abrupte pinnata, raro impari-pinnata, rhachide dense fulvescenti-tomentosa ; foliola 4—6-juga, hinc inde cum impari, opposita v. subopposita, breve crasseque petiolulata, oblonga v. oblongo-lanceolata, breve acuminata, integra v. subintegra, 6—10 poll. longa, supra (nervis exceptis) glabrescentia, subtus molliter pubescentia ; flores mediocres, c. 6 lin. longi, subsessiles et bracteolis lato-oblongis dense fulvo-pubescentibus sustenti, racemulosi, paniculas longe pedunculatas graciles dense fulvo-tomentosas axillares formantes ; calyx campanulatus, dense pubescens, obsolete 4—dentatus ; petala (teste Wight et Arn. sæpe 6) apicibus imbricata, circ. 6 lin. longa, dense pubescentia ; staminum tubus basin versus petalis adnatus, parce pubescens, apice crenato 6—7-lobatus, lobis truncatis oblongis et integris ; antheræ 6 v. 7 ; ovarium stylusque fulvo-pubescentes ; capsulæ 3-lobæ et pyriformes, circ. 1¼ poll. longæ, pericarpio crasse coriaceo lutescente, 3—valves ; semina solitaria, magna, arillo completo aurantiaco.—*Martaban, Tenasserim.*

21. Walsura hypoleuca, nov. sp.

Arbor mediocris novellis minute puberulis ; folia impari-pinnata, glaberrima, rhachide lævi v. sparse lenticellata ; foliola bijuga cum impari, petiolulis 1—(terminalibus 2—2½-) poll. longis glabris, elliptico ad oblongo-lanceolata, 6—8 poll. longa, basi obtusa v. acuta, chartacea, glabra, obtusiuscule et breve v. longiuscule acuminata, subtus glauca, inter reticulationes lævia (nec albido-tessellata) ; flores parviusculi, albi, pedicellis 1—2 lin. longis puberulis suffulti paniculam corymbosam sessilem v. subsessilem puberulam axillarem formantes ; calyx puberulus, lobis oblongis obtusiusculis ; petala 5, hinc inde ad 8 augmentata, lineari-lanceolata, acuta, puberula, 2 lin. fere longa ; stamina 10, nonnunquam usque ad 15, omnia libera ; filamenta linearia, æquilata, antheris multo angustiora, integra, villosa ; discus cras-

sus, ruber; ovarium immersum, dense fulvo-tomentosum; baccæ immaturæ canescenti-velutinæ, oblongæ, acuminatæ.—*Andamans.*

22. Walsura (Heynea) pubescens, nov. sp.

Arbuscula gracilis, 25—30 pedalis, novellis molli-pubescentibus; folia impari-pinnata, rachide terete pubescente; foliola 4-juga cum impari, brevius v. longius petiolulata (petiolulis pubescentibus), ovato-oblonga v. oblonga, basi nonnunquam parum inæquali acuta v. rotundata, 3—5 poll. longa, breve acuminata, integra et vulgo undulata, membranacea, subtus molliter flavescenti pubescentia; flores parvi, albi, pedicellis brevibus pubescentibus sustenti, paniculam longe pedunculatam corymbosam brachiatam axillarem formantes; calyx pubescens; petala circ. lin. longa, extus pubescentia; staminum tubus fere a medio liber, filamentis latis, glaberrimis, apice bifidis; capsulæ cerasi minimi magnitudine, globosæ v. ovoideæ, glabræ, rubræ, bivalves, semen unicum arillo (albo ?) indutum foventes.—*Martaban.*

23. Cedrela multijuga, nov. sp.

Arbor elegans, 70—90 pedalis, novellis minute fulvescenti-puberis; folia usque ad 3 ped. longa, impari-pinnata, petiolis teretibus junioribus puberulis; foliola 12—15 juga cum impari, alterna, petiolulis 2—3 lin. puberulis suffulta, ovato-lanceolata ad lanceolata, subobliqua, basi inæquali rotundata, 5—6 poll. longa, acuminata, membranacea, integra; flores parvi, albi, pedicellis semi-lineam longis suffulti, paniculam strictam glabram racemose-contractam formantes; petala et sepala 5, urceolato-convergentia, oblongo-lanceolata, acutiuscula, hæc $1\frac{1}{2}$—2 lin. longa, minute ciliolata; stamina 10, libera; ovarium 10-sulcatum.—*Pegu.*

CHAILLETIACEÆ.

24. Ch. Helferiana, nov. sp.

Frutex scandens ? novellis flavescenti— v. canescenti-puberulis; folia elliptico-oblonga v. oblonga, petiolis 3—4 lin. longis canescenti-tomentosis, breve acuminata, basi acuta v. obtusa, integra, pergamacea præsertim dum juvenilia subtus secus costam marginesque adpresse pubescentia, nervis lateralibus tenuibus et inconspicuis; flores parvi, pedicellis brevibus et canescenti-pubescentibus, in cymulas v. corymbos parvos axillares canescenti-pubescentes pedunculo $\frac{1}{2}$-$\frac{3}{4}$ pollicari crasso libero supportatos collecti; sepala petalaq $\frac{e}{3}$ extus sericea.—*Tenasserim.*

OLACINEÆ.

25. Anacalosa puberula, nov. sp.

Frutex magnus, glaber; folia 6—5 poll. longa, breve petiolata, oblonga ad ovato- et elliptico-oblonga, acuminata, basi acuta, integra, coriacea, glabra; flores parvi, pedicellis brevibus strictis puberulis, e pedunculo conico v. globoso brevi crasso minute bracteato orientes; calyx fulvescenti-puberulus; drupæ....—*Andamans.*

26. Cansjera parvifolia, nov. sp,

Partes novellæ, folia et inflorescentiæ pilis furcatis tomentellæ v. puberulæ; folia vulgo pollice breviora, ovata, basi rotundata v. obtusa, coriacea, emarginata v. obtusa, integra, utrinque petiolusque brevis tomentella; flores parvi, sessiles, calyce magis distincto, spicas breves axillares formantes; corolla puberula.—*Tenasserim.*

27. Stemonurus tomentellus, nov. sp.

Ramuli, petioli et inflorescentiæ fulvescenti-tomentellæ; folia 6—7 poll. longa, longiuscule et graciliter petiolata, oblongo— v. elliptico-lanceolata, abrupte et obtusiuscule acuminata, basi acuta, subcoriacea, integra, subtus puberula; flores parvi, sessiles, cymas 3—4-tomas, dense tomentosas, longiuscule pedunculatas axillares formantes; calyx hirsutus; corolla glabra; filamenta sursum elevata.—*Barma.*

28. Stemonurus ? crassipes, nov. sp.

Arbuscula 25—30 pedalis, glaberrima; folia 5—7 poll. longa, lanceolata ad oblongo-lanceolata, basi acuminata, petiolo 4—5 lin. crasso suffulta, obtusiuscula, pergamacea, glabra, opaca, subtus obscure colorata; flores parvi, pedicellis lin. longis, in cymas brevissimas (petioli longitudine) glabras paucifloras axillares collecti; calyx coriaceus, cupularis, obsolete dentatus; drupæ immaturæ obovatæ, pedunculo crassissimo 2—3 lin. longo sustentæ, apice truncato disco prominenter acuminato terminatæ, basi calycis limbo rupto angusto circumdatæ.—*Pegu.*

29. Apodytes Andamanica, Kurz in Andam. Rep. Append. B. 5.

Arbuscula glabra gemmis sparse puberulis; folia 7—8 poll. longa, breviuscule petiolata, elliptico-oblonga v. oblonga, acuminata, basi obtusa v. acuta et sæpius sub-obliqua, coriacea, glabra, opaca; flores parvi, subsessiles cymas breve et crasse pedunculatas densas puberulas axillares formantes; calyx puberulus, obsolete 5- raro 6-dentatus; petala extus puberula, lanceolata, apicibus acutis incurva; stylus brevis vix excentricus; drupæ semibaccatæ, pollicem circiter longæ; nux lignoso-fibrosus, ovato-oblongus, plano-convexus et subnavicularis, acumine inflexo terminatus, appendice crasso carnoso albo nucis superficiem totam planam obtegente; semina elliptica, compressa.—*Andamans.*

30. Sarcostigma edule, (*Chailletia edulis*, Kurz in And. Rep. App. B. 6).

Frutex scandens, glaber; folia elliptica ad oblonga, breviuscule petiolata, basi obtusa, coriacea, obtusiuscule apiculata, integra, glabra, utrinque crasse et eleganter reticulata; racemi ferrugineo-tomentosi; drupæ inæquali-oblongæ, compressiusculæ, obtusæ, aurantiacæ, dense tomentellæ, pulpa tenui dulciusculo edibili.—*Andamans.*

31. Yodes Brandisii, nov. sp.

Frutex scandens tomentellus; folia 6 poll. longa, elliptico-oblonga, basi

obtusa, petiolis longiusculis gracilibus tomentosis, acuminata et costa excurrente mucronata, integra, membranacea, subtus inter nervos prominenter et laxe reticulata, supra secus nervos subtusque totâ paginâ tenui-tomentosa et viridia ; flores minuti, tomentosi, pedicellis brevibus sed gracilibus, paniculas laxas tomentosas geminas sub-oppositifolias formantes ; panicula una alterave v. ejusdem ramulus in cirrhum tortuosum transmutatus ; fructus....—*Tenasserim.*

ILICINEAE.

32. Ilex gaultherlæfolia, nov. sp.

Frutex glaber ; folia lineari-lanceolata, basin versus attenuata v. cuneata, breve crasseque petiolata, acuta, 3—3½ poll. longa, coriacea, serrata, nervis subtus conspicuis, glabra ; flores minuti, pedicellis glabris gracilibus, cymas breves graciles axillares petiolorum longitudine formantes ; calyx 5-lobatus, lobis lato-oblongis, obtusiusculis ; petala rotundata ; stamina 5, filamentis gracilibus, cum petalis alternantibus ; drupæ....—*Tenasserim.*

CELASTRINEAE.

33. Evonymus calocarpus, nov. sp.

Frutex ? glaber, ramulis teretibus ; folia textura et coloratione iis generis *Microtropis* simillima, elliptica v. oblongo-lanceolata, petiolis 3—4 lin. longis, breve et obtusiuscule acuminata, integra, subcoriacea, 4-6 poll. longa, subtus pallida ; flores... ; capsulæ cerasi fere magnitudine, pedunculo glabro brevi suffultæ v. subsessiles, vulgo obsolete 4-lobæ et 4-valves, læves ; semina in loculis solitaria arillo rubescente induta.—*Tenasserim.*

34. Evonymus (Glyptopetalum) sclerocarpum, nov. sp.

Arbuscula 8—12 pedalis cortice rubra, glaberrima ; folia oblonga ad elliptico-lanceolata, petiolis 3—4 lin. longis crassis, basi acuminata, 6—8 poll. longa, coriacea, serrata, acuminata ; flores virescenti-purpurei, pedicellis longis gracilibus instructi, cymas pedunculatas laxas glabras solitarias v. per plures in foliorum axillis v. supra eorum delapsorum cicatricibus orientes formantes ; sepala alba, lato-orbicularia ; petala suborbicularia, concava, extus viridia, intus virescenti-purpurea exappendiculata ; stamina 4 ; antheræ in disco lato obsolete 4-gono subsessiles ; stigma sessile, obsolete 4-gonum : capsulæ subglobosæ v. bilobæ, pisi majoris magnitudine, rimosæ, et verruculoso-scabræ ; arillus sanguineus.—*Pegu.*

35. Lophopetalum Wallichii, nov. sp.

Arbor magna, glaberrima ; folia oblonga ad elliptica, raro ovato-oblonga, petiolis 1—1½ pollicaribus, obtusa v. obtusiuscula v. acuta, basi rotundata, 4—6 poll. longa, integerrima, supra glaucescenti-viridia et nitentia, subtus opaca et inter nervos conspicuos laxe reticulata ; flores c. 3 lin. in diametro, pedicellis 2—2½ lin. longis albis glabris instructi ; paniculæ

axillares et terminales rigidiusculæ, virescenti-albidæ ; petala virescenti-alba, nuda et integra ; discus magnus, carnosus, luteus ; stamina 5, deflexa, disco inserta ; ovarium triquetrum, sanguineum ; capsulæ c. 4 poll. longæ, v. longiores, 2 poll. latæ, 3-lobæ et 3-valves, valvis lævibus ; semina compressa, imbricata, cum ala 2—2½ poll. longa, oblonga, alâ elliptico-oblongâ membranaceâ complete circumdata.—*Barma.*

36. Hippocratea fuscescens, nov. sp.

Frutex ? glaber ; folia oblongo-lanceolata v. oblonga, petiolis crassis 4—5 lin. longis, breve acuminata, basi acuta, 2½—3 poll. longa, coriacea, obsolete crenato-serrata, glabra, supra nitentia, in sicco fuscescentia v. nigrescentia ; paniculæ cymosæ, glabræ, a basi ramosæ v. pedunculatæ axillares, foliis paulo breviores ; flores parvi, circ. 2 lin. in diametro, pedicellis 1—1½ lin. longis, sepala minute eroso-ciliata ; petala obovato-oblonga, concava, basin versus attenuata, lineam circiter longa, imbricata ; antheræ 3, filamentis reflexis brevissimis disco elevato insertis ; carpella....—*Tenasserim.*

37. Salacia grandiflora, nov. sp.

Frutex scandens, glaber, ramulis teretiusculis ; folia elliptica ad elliptico-oblonga, apiculata, basi acuta, petiolis ½—¾ poll. longis crassissimis, integra et marginibus parum revolutis, 8—9 poll. longa, subcoriacea, glabra, utrinque nitentia, in sicco fuscescentia ; flores conspicui ; pedicelli crassi, 2 lin. longi, 2—4-ni, e tuberculis minute bracteolatis axillaribus v. lateralibus orti ; sepala lato-rotundata, glabra, lin. circiter longa ; petala sessilia, rotundata, 3—4 lin. longa ; stamina 3, disco intus inserta, filamenta brevissima dilatata et reflexa ; ovarium læve ; stylus brevis ; baccæ....—*Tenasserim.*

38. Salacia flavescens, nov. sp.

Frutex ? glaber, ramulis teretiusculis ; folia lanceolata, opposita v. alterna, petiolis 3—4 lin. longis crassis, utrinque acuminata, integra v. obsolete crenata, marginibus parum revolutis, tenuiter coriacea, 4—5 poll. longa, glabra, supra nitida, subtus pallida, in sicco lutescentia ; flores minuti, albi ? pedicelli 1—2 lin. longi, e tuberculis axillaribus v. lateralibus minute bracteatis orti ; sepala oblongo-lanceolata, obtusiuscula ; petala ¾ lin. longa, oblonga, obtusa ; antheræ 3 ; filamenta disco intus inserta, brevissima, dilatata ; ovarium læve ; baccæ....—*Tenasserim.*

RHAMNEAE.

Apteron, nov. gen.

Calyx 5-fidus, tubo brevi obconico, lobis patentibus acutis. Petala 5, obovata, minuta, inter calycis lobos inserta. Stamina 5, petalis paullo longiora ; filamenta filiformia. Discus planus, liber. Ovarium disco immersum, subglobosum, 2-loculare ; stylus brevissimus, stigmatibus 2 brevibus. Dru-

pa (?) globosa, *Gouaniæ* more calyce aucto inclusa eidemque adnata, apice limbo coronata, abortu 1-locularis, monosperma ? semina. ...Frutex scandens foliis serrulatis penninerviis. Flores parvi, fasciculati, paniculas racemosas formantes.

39. Apteron lanceolatum, nov. sp.

Frutex magnus scandens, novellis tomentellis ; folia lanceolata, petiolis 2—3 lin. longis crassis puberulis glabrescentibus, longe et obtusiuscule acuminata, serrata, chartacea, secus nervos fulvescenti-pubescentia mox glabrescentia, 4—5 poll. longa, utrinque nervis lateralibus numerosis (7—9) prominentibus percursa ; flores parvi ; pedicelli graciles v. crassiusculi, 1 lin. longi, puberuli, fasciculati v. subsolitarii, racemosi et paniculas terminales et axillares canescenti- v. flavescenti-tomentosas formantes ; calyx dense v. parce puberulus, circiter $1\frac{1}{2}$—2 lin. in diametro ; ovarium pubescens, stylo brevi bifido terminatum ; drupa (?) adhuc nimis immatura globosa, grani piperis magnitudine, calyce aucto glabrescente limbo calycis coronato usque ad apicem fere inclusa.—*Tenasserim.*

40. Smythea ? calpicarpa, nov. sp.

Erutex scandens ? ramulis fulvo-pilosis ; folia lanceolata, petiolis $\frac{1}{2}$—1 lin. longis crassis magis minusve pilosis, acuminata, serrata, chartacea, 4—$3\frac{1}{2}$ poll. longa, subtus secus costam pilosa, cæterum glabra ; flores... ; capsulæ (immaturæ) $1\frac{1}{4}$ poll. longæ, oblongæ, apice oblique truncatæ, folliculis *Calpicarpi* non absimiles, dense fulvescenti pubescentes, coriaceæ.—*Tenasserim.*

41. Colubrina pubescens, nov. sp.

Frutex scandens, habitu omnino *C. Asiaticæ*, novellis dense fulvo-pubescentibus ; folia *C. Asiaticæ* sed juvenilia dense fulvo-pubescentia magis minusve glabrescentia ; flores parvi, viridiusculi, pedicellis lin. longis gracilibus pubescentibus, cymas breves robustas fulvo-pubescentes axillares efformantes ; semina minora, compressa.—*Pegu.*

AMPELIDEÆ.

42. Vitis erythroclada, nov. sp.

Frutex alte scandens, ramulis teretibus fulvis novellisque parce pubescentibus ; folia decidua, digitatim—5-foliolata, petiolis 4—5 pollicaribus glabris instructa ; petiolulis 1—2 pollicaribus glabris gracilibus, lato-obovato-oblonga, 4—6 poll. longa, breve acuminata, basi acuta, serrata, membranacea, novella subtus secus nervos parce pubescentia mox glaberrima ; cirrhi bifidi ; stipulæ... ; flores parvi, virescenti-flavi, pedicellis $1\frac{1}{2}$—3 linearibus puberulis suffulti, cymulosi, cymam axillarem dichotomo-ramosam breviusculam laxam puberulam magis minusve glabrescentem formantes ; calyx brevis, puberulus ; petala et stamina 4 ; stylus simplex, subulatus ; baccæ globosæ, cerasi magnitudine.—*Pegu, Martaban.*

43. VITIS ASSIMILIS, nov. sp.

Frutex alte scandens, glaber, ramis teretibus tuberculatis; folia petiolis teretibus 1—1½ poll. longis, constanter 3-foliolata; foliola petiolulis (—1 lin. long.) crassis instructa, oblongo-lanceolata (lateralia obliqua et altero latere basi rotundata) 3—4 poll. longa, acuta, crenato-dentata, coriacea, glabra; flores parvi, virescenti-albi, hermaphroditi, pedicellis lin. longis crassis dense fulvo-pubescentibus suffulti, cymam axillarem breve pedunculatam sæpius nutantem ramosissimam puberulam efformantes; petala 4; ovarium sursum in stylum brevem crassum attenuatum, stigmata 4, brevia, patentia.—*Martaban.*

44. VITIS CAMPYLOCARPA, nov. sp.

Frutex alte scandens, glaberrimus, ramis teretibus et cirrhis crassis oppositifoliis; folia digitatim 5—(—7 ?) foliolata, petiolis 2—3 poll. longis lævibus; foliola petiolulo ½—1½ pollicari geniculatim inserta, obovata, basi acuta sub-decurrentia (lateralia sub-obliqua), 4—6 poll. longa, abrupte acuminata, remote et leviter crenato-dentata, succulente coriacea, glabra; flores, ... in cymam dichotomo-ramosam brevissime pedunculatam v. subsessilem glabram axillarem collecti; baccæ oblongæ, ½ poll. fere longæ, subcurvatæ, læves et lucidæ, pedicellis lin. longis suffultæ, semen solitarium coffeiforme sulcatum transverse lineatum includentes.—*Pegu.*

45. VITIS WALLICHII, nov. sp.

Caulis teretiusculus, subherbaceus, glaber; folia simplicia, petiolis 2—3 pollicaribus glabris subangulatis, cordato-oblonga v. oblonga, basi 5-nervia, subtriloba, acuta, setaceo-serrata, membranacea, subtus in nervis parce puberula, 6—7 poll. longa; cymae axillares, parviusculæ, foliis multo breviores, pedunculatæ et paucirameæ, glabræ; flores... ; baccæ pisi minoris magnitudine, globosæ, longe (4—5 lin.) et crasse pedunculatae, monospermæ. —*Ava.*

46. LEEA PUMILA, nov. sp.

Herba perennis pumila simplex dense fulvo-v. cinereo-pubescens; folia imparipinnata, adhuc juvenilia dense pubescentia; rachis et petiolus teretes, crassi; foliola juniora bijuga cum impari, petiolulis brevissimis crassis teretibus, ovato-oblonga, serrata, plicata, utrinque dense pubescentia v. subtomentosa; stipulæ magnæ, petiolo adnatæ, angustæ, extus tomentosæ; cymæ breves et compactiusculae, pubescentes, subsessiles v. pedunculo terete dense pubescente suffultæ, breviter ramosæ; flores (in alabastro) subsessiles; calyx tomentosus; petala extus puberula.—*Pegu.*

SAPINDACEÆ.

47. CUPANIA FUSCIDULA, nov. sp.

Arbor, partibus omnibus puberulis; folia vulgo abrupte pinnata v. impari pinnata; rachis ferrugineo—tomentosa, exalata; foliola c. 4 poll.

longa, alterna, inæqualia et subfalcata, oblongo-lanceolata, basi in petiolo brevissimo crasso subdecurrentia, apiculata, integra, chartacea, in sicco fuscescentia v. nigrescentia, utrinque (præsertim subtus) puberula ; flores parvi, paniculas axillares ramosas ferrugineo-tomentosas folio breviores formantes ; sepala oblongo-rotundata, ciliata et plerumque sparse hirtula ; petala lato-oblonga, ciliata, squama supra ungue instructa bifida, intus lanata ; stamina vix exserta ; capsulae....—*Tenasserim.*

48. Cupania glabrata, nov. sp.

Arbuscula glabra, 25—30 pedalis ; folia abrupte pinnata, brevius petiolata, glaberrima et lucida ; foliola vulgo bijuga, lanceolata v. oblongo-lanceolata, utrinque acuminata, 4—7 poll. longa, integra, subcoriacea, laxe sed prominenter reticulata ; flores parvi, albi, pedicellis lin. longis instructi, pauci fasciculati, paniculam axillarem glabram simplicem v. compositam racemiformem efformantes ; sepala 5, rotundato-obovata, exteriora 2 majora lin. fere longa, glabra, villoso-ciliata ; petala totidem, c. ½ lin. longa, spatulato-linearia, extus glabra, intus dense albo-lanuginosa ; ovarium fulvescenti-hirsutum.—*Pegu, Martaban,*

49. Nephelium Griffithianum, nov. sp.

Arbor, gemmis fulvescenti-velutinis ; folia glabra, impari-pinnata, petiolis glabris 2—3 poll. longis glaucescentibus ; foliola 3—4 juga cum impari, breve petiolulata, ovato-oblonga ad oblonga, basi inæquali obtusa v. subobtusa breve acuminata, chartacea, subtus glauca, reticulatione utrinque conspicuâ et prominente ; flores... ; fructus (racemosi teste Griffithii) abortu 1-lobati, subsessiles, oblongi, ovi gallinacei parviusculi magnitudine, murici bus angulato-compressis conicis ½ poll. fere longis tecti, semen unicum magnum arillo succulento albo indutum includentes.—*Ava.*

Zollingeria, nov. gen.

Calyx 5—partitus, sepala decidua, inæqualia, imbricata, interiora 2 majora. Petala totidem, subunguiculata, basi squamâ obtusa petalorum dimidio breviori lanuginosa instructa. Stamina 8, disco obsoleto intus inserta ; filamenta non exserta, longa et gracilia ; antheræ ovales, 2-loculares, loculis 2-locellatis obtusis. Ovarium triquetrum, conicum, in stylum triquetrum simplicem tridentatum attenuata, 3-loculare, loculi uniovulati, ovulum a medio axis centralis suspensum. Capsulæ magnæ, chartaceæ, maceratione dissepimentorum vulgo 1-loculares, 3- v. abortu nonnunquam 2-alatæ, septicide dehiscentes, semen solitarium v. duo continentes. Seminum testa membranacea, cotyledones magnæ, virides, plicatæ. Albumen nullum. Arbores sæpe magnæ deciduæ foliis impari-pinnatis foliolisque integris. Flores parvi, albi, in paniculas breves sæpius compositas axillares collecti.

50. Zollingeria macrocarpa, n. sp.

Arbor usque 80 pedalis, novellis fulvo-puberulis ; folia vulgo imparirarius subabrupte pinnata, glabra ; foliola alterna, basi magis minusve

inæqualia, petiolulis 2—3 lin. longis suffulta, lanceolata ad oblongo-lanceolata, obtusiuscule acuminata, 5—8 poll. longa, chartacea, integra, laxe reticulata; flores albi, pedicellis 2 lin. longis, paniculas iis *Dodonaeæ* similes breves subnutantes obsolete puberulas axillares v. terminales formantes; sepala lin. circiter longa, obovata, ciliolata, subemarginata; petala 2 lin. longa, ciliata oblonga, obtusa, basi unguiculata squamâ lanatâ obtusâ auctâ; filamenta pubescentia; ovarium basi parce pubescens; capsulæ 2 poll. circiter longæ, oblongæ, glabræ, 3 v. raro abortu 2-alatæ, alis latis striatis basi angustatis rotundatis apice subtruncatis.—*Prome.*

51. Acer isolobum, nov. sp.

Arbor magna, glabra; folia 5—6 poll. longa et lata, basi rotundata, longe petiolata, 3-loba, lobis patentibus acuminatis, utrinque glabra, 3-nervia et reticulata; flores et fructus ignoti.—*Martaban.*

SABIACEÆ.

52. Sabia viridissima, n. sp.

Frutex glaberrimus; folia obovato- ad elliptico-lanceolata, petiolis 6—8 lin. longis, utrinque acuminata, membranacea, glabra, 6—8 poll. longa; flores parvi, albi, pedicellis c. 3 lin. gracilibus dein sursum incrassatis suffulti, paniculas 1 v. 2 laxas breves glabras axillares efformantes; calyx glaber, segmentis ovatis obtusis; petala 2-lin. fere longa; stylus 3-fidus, stigmatibus hippocrepiformibus; fructus....—*Andamans.*

ANACARDIACEÆ.

53. Buchanania laxiflora, nov. sp.

Arbor decidua, novellis canescenti-tomentosis; folia ovato-oblonga, basi obtusa, 6—7 poll. longa petiolo crasso semipollicari, coriacea, integra, tomentella, supra glabrescentia; flores minuti, pedicellis brevibus sed gracilibus suffulti, in paniculam terminalem laxam diffusam ramosissimam canescenti v. fulvescenti-pubescentem collecti; bracteæ minutæ, subulatæ; calyx canescenti-puberulus, lobis oblongis acutis vix ¼ lin. longis; petala obovato-oblonga, vix lineam longa; filamenta subpuberula; ovarium glabrum.—*Martaban.*

54. Semecarpus subracemosa, nov. sp.

Fruticosa? novellis fulvo-puberulis; folia verosimiliter decidua, distantia, oblonga v. oblongo-lanceolata, obtusa v. obtusiuscula, basi in petiolum latum ½—1 poll. longum glabrum subdecurrentia, c. 3—4 poll. longa, integra, tenui-chartacea, supra glaucina, glabra et nitentia, subtus glauca et dum juvenilia minute puberula, dein in costâ crassâ nervisque parallelis anastomosantibus puberula, reticulatione laxâ et conspicuâ interjecta; flores parvi, pedicellis brevissimis dense puberulis suffulti, fasciculato-cymulosi, paniculam gracillimam puberulam v. subpubescentem axillarem et ramorum

apices terminantem ramosam formantes ; calyx puberulus ; petala 5, lineam circiter longa, valvata ; stamina 5, omnia fertilia, filamentis capillaribus ; discus hispido-tomentellus ; ovarium glabrum stylis 3 crassis apicibus capitato-stigmatosis coronatum ; nux....—*Pegu.*

55. Holigarna Grahamii (Semecarpus Grahamii, Wight, Ic. t. 235).

Arbor 20—30 pedalis, novellis pubescentibus ; folia 1—2½ ped. longa, elongato-obovato-lanceolata, basi cuneato-acuminata, petiolo ½—1 poll. longo crasso utrinque appendicibus barbæformibus geminis augmento, breve acuminata, integra, coriacea, juvenilia molli-pubescentia, dein supra glabrescentia subtusque glaucescentia et obsolete puberula ; flores parvi, subsessiles, dense ferrugineo-tomentosi, paniculas breviusculas dein elongatas dense ferrugineo-tomentosas axillares efformantes ; bracteolæ lineares, intus glabræ, deciduæ ; calycis lobi lanceolati, utrinque ferrugineo-pubescentes, pedicelli brevissimi sub fructu usque ad ½ poll. long. elongati ; nucis elliptico-obovatæ monospermæ pars summa tantum exserta.—*Pegu, Martaban.*

CONNARACEÆ.

56. Ellipanthus calophyllus, Kurz, Andam. Rep. Append. B. 6.

Arbuscula 20—30 pedalis glabra gemmis fulvo-pubescentibus ; folia unifoliolata, petiolis glabris pollicaribus suffulta ; foliola brevissime et crasse petiolata, ovato-oblonga v. oblonga, obtusiuscule acuminata, 5—6 poll. longa, subcoriacea, integra, glaberrima, nervis subtus rubescentibus, utrinque crebre et eleganter reticulata ; flores mediocres, pedicellis strictis brevibus dense puberulis geniculatis ; racemi vix pollicares, dense fulvo-puberuli ; petala lineari-oblonga, dense tomentella, plus quam 3 lin. longa ; folliculi oblique oblongi, in stipitem brevem et crassum attenuati, apiculati, compressiusculi, pollicem circiter longi, velutino-tomentosi, coriacei, intus glabri. *Andamans.*

57. Ellipanthus tomentosus, nov. sp.

Arbuscula ramulis dense fulvo-tomentosis ; folia unifoliolata, petiolis circ. semipollicaribus dense fulvo-pubescentibus ; foliola oblonga ad oblongo-lanceolata et lanceolata, breve obtuseque acuminata, 4—6 poll. longa, integra, coriacea, supra glabra, nitentia et eleganter reticulata, subtus plus minusve fulvo- v. flavescenti-tomentosa, nonnunquam glabrescentia ; flores parviusculi, pedicellis tomentosis brevissimis crassis geniculatis instructi ; racemi breves, tomentosi, axillares, ramosi, sæpius paniculæformes ; petala oblonga, obtusa, dense tomentella, 2 lin. circiter longa ; folliculi oblique oblongi, apiculati, compressiusculi, bipollicares, in stipitem longiusculum crassum attenuati.—*Pegu, Martaban, Tenasserim, Siam.*

ROSACEÆ.

58. Pygeum persimile, nov. sp.

Arbor, novellis parce adpresse pubescentibus v. puberulis ; folia elliptica ad elliptico lanceolata, petiolo 3 lin. longo gracili ferrugineo-pubescenti suffulta basi obtusa æqualia v. subæqualia, obtuse et sæpius longissime acuminata, integra, submembranacea, supra glabra v. secus nervos impressas minute tomentella, subtus secus costam adpresse pubescentia ; racemi sublanuginoso-tomentosi, bini v. terni supra foliorum delapsorum cicatricibus v. irregulariter e ramis orientes ; pedicelli brevissimi, semilineam longi ; calycis tubus brevis, urceolatus, fulvo-tomentosus ; ovarium dense fulvo-hirsutum ; stylus longe exsertus stigmate lato. *P. Lampongo, Miq.*, proximum.—*Tennasserim.*

59. Pirus Karensium, nov. sp.

Arbuscula 25—30 pedalis, glabra ; folia oblonga ad ovato-oblonga, basi inæqualia, petiolo c. pollicari glaberrimo, acuminata, 4—5 poll. longa, subcoriacea, apicem versus crenato-dentata, glabra ; flores... ; poma cerasi majoris magnitudine, globosa, iis *P. Pashiæ* subconformia et leucosticta, maturescentia purpureo-atra, pedicellis brevissimis crassis suffulta, in paniculam depauperatam robustam glabram terminalem v. in axillis foliorum superiorum lateralem disposita.—*Martaban.*

60. Eriobotrya ? macrocarpa, nov. sp.

Arbor 30—40 pedalis, glabra ; folia obovato- ad oblongo-lanceolata, basi in petiolum $\frac{1}{2}$—$\frac{2}{3}$ poll. longum crassum attenuata, breve et obtuse acuminata, integerrima, 5—6 poll. longa, coriacea, lævissima et lucida ; flores... ; pedunculi fructigeri crassissimi et simplices, 1—2 poll. longi, glabri, ex axillis foliorum superiorum orientes v. in ramulis crassis terminales ; fructus magis minusve globosi, cerasi majoris magnitudine, glabri, calycis limbo coronati. —*Pegu.*

COMBRETACEÆ.

61. Combretum tetragonocarpum, nov. sp.

Frutex scandens glaber ; folia petiolo crasso lin. longo suffulta, oblonga ad elliptico-oblonga, obtusa v. subretusa, chartacea, utrinque conspicue nervosa et reticulata, glabra, 3—5 poll. longa ; spicæ robustæ, fulvo-villosæ, solitariæ, foliis breviores v. æquilongæ, axillares v. in paniculas terminales brachiatas depauperatas dispositæ ; flores parvi, albidi, bracteola parva subulata villosa sustenti ; calyx cupulari-infundibuliformis cum tubo ovali brevi ferrugineo-villosulus ; limbus intus dense villosus, extus pubescens et lepidotus, 4-dentatus, dentibus brevibus acutis ; petala minuta ; fructus pollicem longi v. longiores, glabri, pallide brunnei, elliptico-ovati, 4-angulati, angulis crassis coriaceis et sub-alato-prominentibus, nucis diametro multo angustioribus.—*Pegu.*

MELASTOMACEÆ.

62. Memecylon elegans, nov. sp.

Frutex glaberrimus ramulis sub 4-alatis v. lineis 4 decurrentibus magis minusve obsolete elevatis notatis ; folia oblonga ad ovato-oblonga, basi in petiolum 2—3 lin. longum attenuata, obtusa v. subretusa, 3—4 poll. longa, coriacea, nervis lateralibus teneris in statu juvenili tantum visibilibus, glabra ; flores azurei, pedicellis 2—3 lin. longis suffulti, cymam umbelliformem simplicem vel trichotomam pedunculo $\frac{1}{2}$—$\frac{3}{4}$ poll. longo acute tetragono suffultam efformantes, et binæ v. solitariæ ex foliorum axillis v. supra foliorum delapsorum cicatricibus orientes ; ramificationes brevissimæ v. subreductæ ; calyx lævis, 1$\frac{1}{2}$ lin. fere in diametro, parte adnatâ hemisphericâ parvâ, limbus latus et explanatus, undulatus et obsolete lobatus, intus radiato-plicatus, plicis subnerviformibus ; petala, baccæ &c. desiderantur.—*Andamans.*

63. Memecylon pulchrum, nov. sp.

Frutex glaberrimus ramulis sub-teretibus ; folia larga, sessilia, lato ovato-oblonga, basi rotundata v. subcordata, obtusa v. paulo obtuse producta et subretusa, 5—6 poll. longa, crasse coriacea, nervis venisve haud visibilibus, glabra, supra lucida ; flores azurei, pedicellis $\frac{1}{2}$—2$\frac{1}{2}$ lin. longis teretibus, depauperato-umbellulati, cymam ampliusculam pedunculo compresso 4-gono $\frac{1}{2}$—1 poll. longo suffultam formantes, vulgo ternæ v. 4-næ supra foliorum delapsorum cicatricibus orientes ; bracteæ distinctæ, ovato-lanceolatæ, acutæ ; calyx campanulatus, c. 1 lin. in diametro, lævis, limbus truncatus, intus radiato-plicatus ; petala, baccæ etc. desunt.—*Andamans.*

LYTHRARIEÆ.

64. Lagerstrœmia hypoleuca, Kurz in And. Rep. 1868, Append. p. VIII.

Arbor vasta 60—70 pedalis glaberrima ; folia lanceolata ad ovato-lanceolata, basi in petiolum brevem decurrentia, acuminata, integra v. undulata, chartacea, 6—8 poll. longa, subtus albido-glauca ; flores mediocres, 1—1$\frac{1}{2}$ poll. in diametro, lilacini, pedicellis articulatis albido-puberis instructi, solitarii v. in cymas depauperatas breve pedunculatas minute canescenti-puberas collecti et paniculam elongatam terminalem formantes ; calyx in alabastro turbinatus, pubescentia subvelutina minutâ albescens, sulcato 10-costatus, costis alternantibus in 5 lobos triangulares minute mucronatos excurrentibus ; petala oblonga, undulata, $\frac{1}{2}$ poll. longa ; capsula oblonga, mucronata, lignæ, c. $\frac{2}{3}$ poll. longa.—*Andamans.*

65. Lagerstrœmia calyculata, nov. sp.

Arbor vasta, 60—70 pedalis, novellis tomentosis ; folia oblonga, acuminata, basi inæquali rotundata et in petiolum brevem subdecurrentia,

5—7 poll. longa, subcoriacea, supra glabra et minute reticulata, subtus puberula et inter nervos prominentes crasse reticulata ; flores... ; paniculæ ferrugineo— v. fulvo-tomentosæ, terminales, e racemis longioribus v. brevioribus compositæ ; calyx fructigerus cupulari-campanulatus, capsulam arcte amplectens, 2—2½ lin. altus, teres, absque costis v. sulcis dense ferrugineo-tomentosus, pedicello brevissimo crasso instructus, 6-lobatus, lobis brevibus triangularibus reflexis planis acutis ; capsula oblonga, mucronulata, lucida, pro ½—⅔ parte e calyce protrusa, 6-locularis et -valvis, 3—4 lin. longa. —*Martaban.*

SAMYDACEÆ.

66. Homalium minutiflorum, nov. sp.

Arbor glabra ; folia oblonga, petiolo 3—4 lin. longo crasso, obtuse apiculata, 3—5 poll. longa, grosse crenata, tenuiter coriacea, glabra ; flores minuti, ½ lin. circ. in diametro, pedicellis brevibus filiformibus glabris instructi, fasciculati, racemos solitarios v. binos axillares simplices v. parce ramosos glabros formantes ; calyx glaber, segmentis oblongo-linearibus villoso-ciliatis ; filamenta gracillima, singula petalis opposita.—*Martaban ?*

CUCURBITACEÆ.

67. Trichosanthes macrosiphon, nov. sp.

Herba volubilis parce et minute puberula ; folia cordato-ovata, petiolo 1½—2 pollicari puberulo, 6—8 poll. longa, basi sinuato-cordata, obsolete remote repando-dentata, sæpius in lobos 2 laterales acuminatos producta, acuminatissima, herbacea, glabra, subtus sparse et minute puberula ; flores masculi desunt ; feminei solitarii, axillares, pedicello puberulo brevi instructi ; calyx puberulus, supra ovario in tubum 1½ poll. longum gracilem attenuatus, dentes lineari-subulati, puberuli ; petala fimbriata.— *Tenasserim.*

BEGONIACEÆ.

68. Begonia flaccidissima, nov. sp.

Herbula flaccidissima tenera caulescens, 4—5 pollicaris, minute et sparse pubescens ; folia alterna, cordato-orbicularia, obtusa, petiolo 2—3 poll. longo gracili sparse pubescente, c. 2 poll. longa et lata, grosse crenato-dentata et sublobata, tenerrime membranacea et flaccida, utrinque pilis minutis teneris adspersa ; stipulæ oblongæ, hyalinæ, obtusæ, c. 2 lin. longæ ; flores parvi, albi, pedicellis capillaribus instructi, cymas dichotomo-ramosas sparse et minute pubescentes pedunculo petioli dimidio longitudine axillari gracili suffultas formantes ; bracteæ minutæ, lineares ; sepala in maribus 2, rotundato-ovata, c. 2½ lin. longa ; petala nulla ; perianthii lobi fl. femin. 4, sepalis subconformia ; stamina numerosa, subobovata, filamenta usque ad medium fere in columnam brevem gracilem connata ; styli 2, a basi liberi, apice in laminam concavam semilunatam stigmatifero-marginatam dilatati ;

ovarium sparse et crispato-pilosum, 2-loculare, ovatum, acuminatum ; capsulæ....—*Tenasserim.*

UMBELLIFERÆ.

69. Pimpinella Parishiana, nov. sp.

Herba humilis 1—2 pedalis pilis brevibus adspersa ; folia ternatisecta, petiolo basi vaginante, foliola cordato-ovata, magis minusve 3- lobata, acuminata, grosse duplicato-serrata, 3—3½ poll. longa, pilis brevibus albis adspersa, foliola lateralia petiolulo subpollicari, medianum petiolulo sub 2—pollicari suffulta, folia superiora sensim minora, integra et supra petiolum vaginantem sessilia ; flores albi, pedicellis 2 lin. longis strictis puberulis inserti, involucellato umbellulati, umbellam involucratam compositam formantes ; involucri et involucelli foliola linearia, longa, et sæpius apicem versus in dentes 2 laterales producta ; fructus....—*Tenasserim.*

70. Heracleum barmanicum, nov. sp.

Herba robusta annua 4—6 pedalis, caulibus hirsutis ; folia caulina superiora ternatipinnata, foliola lateralia ovato-lanceolata, sessilia, grosse serrata et sæpe in lobum lateralem producta, foliolo terminali petiolato decurrenti 3-lobo serrato-lobato ; involucri foliola linearia, brevia ; mericarpia 3 lin. circiter longa, elliptico-oblonga, lato-marginata.—*Pegu.*

LORANTHACEÆ.

71. Loranthus hypoglaucus, nov. sp.

Frutex parasiticus glaberrimus ; folia opposita v. subopposita, lanceolata ad elliptico-lanceolata, in petiolum brevem attenuata, magis minusve acuminata, integra, 2½—3 poll. longa, coriacea, nervis lateralibus vix conspicuis, glabra, subtus glauca ; flores 1½—1⅓ poll. longi glabri, pulcherrime coccinei, pedicellis 2 lin. longis instructi, geminatim v. ternatim pedunculis brevibus glabris suffulti et fasciculos 2 v. plures axillares formantes ; bractea et bracteolæ 2 parvæ, triangulari-ovatæ, basi unitæ ; calyx glaber, cylindricus, limbo integro truncato ; corolla glabra, tubo curvulo et leviter ampliato, limbo profunde 6-fido, lobis linearibus reflexis ; stamina 6 ; antheræ lineares ; filamenta stylusque gracillimus, filiformis, glabri ; baccæ....—*Martaban.*

72. Ginalloa Andamanica, nov. sp.

Frutex parasiticus glaberrimus ramis dichotomo-ramosis ; folia opposita, obovalia ad ovali-oblonga, basi subobliqua in petiolum brevissimum crassum planum contracta, apice rotundata, integra, subundulata, crasse coriacea, nervis 3—5 in sicco vix conspicuis, 1½—2 poll. longa, glabra ; flores minuti, dioici ? sessiles, terni v. quaterni (v. plures ?) separatim in rhachidis crassæ geniculis dilatatis quasi involucrantibus immersi ; spicæ 1—4 pollicares, robusti, glabri, e furcationibus ramorum orientes, v. terminales ; calycis limbus obsoletus v. nullus ? ; petala 3, minuta, 3-angularia, conniventia ? ;

stigma obsolete conicum, parvum ; baccæ immaturæ elongato-ovatæ, læves, truncatæ v. petalis diutius persistentibus coronatæ.—*Andamans.*

RUBIACEÆ.

73. Wendlandia glomerulata, nov. sp.

Arbor v. frutex ? novellis indistincte puberulis ; stipulæ foliaceæ, cordatæ ; folia lineari-lanceolata ad lanceolata, in petiolum brevissimum 1—3 lin. longum puberulum attenuata, longe acuminata, 3—4 poll. longa, integra, membranacea, glabra, subtus secus costam minute adpresse pubescentia ; flores...sessiles, in fasciculos breve pedunculatos congregati et paniculam terminalem parce pubescentem brachiatam formantes ; calyx fructiger adpresse pubescens, dentibus lineari-lanceolatis apparenter tubo longioribus ; capsulæ globosæ, lineam vix longæ, pubescentes.—*Tenasserim.*

74. Wendlandia scabra, nov. sp.

Arbor scabro-pubescens ; stipulæ cordato-reniformes, semiamplexicaules ; folia obovato-elliptica ad elliptica, basi acuta v. acuminata, petiolo $\frac{1}{3}$—$\frac{2}{3}$ longo brevi pubescente instructa, breve et obtuse acuminata, 3—4 poll. longa, integra, membranacea, utrinque scabro-puberula ; flores minuti, albi, sessiles, in spiculas congregati et paniculam amplam puberulam brachiatam terminalem formantes ; calyx adpresse hispidus, semilineam vix longus, dentibus parvis, 3 angulari-acutis ; corolla glabra, 1—1$\frac{1}{2}$ lin. longa, lobis brevibus ; capsulæ globosæ, $\frac{1}{2}$ lin. in diametro, minute adpresse hispidæ.—*Ava.*

75. Argostemma soneriloides, nov. sp.

Herba annua succulenta cauli simplici apice folioso plus minusve villosulo ; folia subverticillata, ovata ad subcordata, petiolo brevissimo crasso villoso, 1—2$\frac{1}{2}$ poll. longa, acuta v. obtusiuscula, utrinque pilis brevibus albis adspersa et subtus secus nervos pubescentia ; flores parvi, pallide rosei v. albi, pedicello lineari villoso instructi, umbellam parvam villosam v. cymam umbellatam pedunculo 1—$\frac{1}{2}$ pollicari villoso terminali sustentam formantes v. rarissime solitarii v. subsolitarii ; bracteæ vulgo majusculæ, 2—4-nae involucra specialia efformantes ; calyx villoso-pubescens, 3 lobus, lobis lato-triangularibus ; corolla subcampanulata, 3-loba, lobis lineam tantum longis ; antheræ oblongæ, obtusæ.—*Pegu* ; *Andamans.*

76. Spiradiclis bifida, nov. sp.

Herba annua erecta parce ramosa 1—1$\frac{1}{2}$ pedalis, caulibus puberulis ; folia obovato-lanceolata, basi cuneata et in petiolum $\frac{1}{4}$—$\frac{1}{2}$ pollicarem magis minusve pubescentem decurrentia, 2—5 poll. longa, breve acuminata, integra membranacea, glabra v. subtus secus nervos puberula ; flores minuti, albi, sessiles, in spicas longiores v. breviores bifidas collecti et in paniculam plus minusve puberulam elongatam terminalem dispositi ; capsulæ globoso-2- lobæ, lin. circiter in diametro.—*Martaban.*

77. Ophiorhiza gracilis, nov. sp.

Herba annua, erecta, simplex ½—1 pedalis, glaberrima ; folia oblongo-lanceolata ad lanceolata, basi acuminata, petiolo gracili ½—1 poll. longo, longe acuminata, 3—5 poll. longa, integra, membranacea, glaberrima, subtus pallida ; flores parvi, albi, pedicellis brevissimis instructi et sessiles, spicam secundam bifidam formantes et in cymam longe pedunculatam terminalem glaberrimam gracilem dispositi ; bracteæ et bracteolæ lineari-subulatæ, parvæ ; corolla glabra, tubo circa 3- lineari, lobis obtusis.—*Tenasserim.*

78. Hedqotis Andamanica, nov. sp.

Herba annua subsimplex v. ramosa erecta, ½—1 pedalis, ramis minute puberulis ; stipulæ latæ, apice longifimbriatæ, puberulæ ; folia variabilia, ovata ad oblonga et obovata, basi acuta v. in petiolum 1—3 lin. longum puberulum attenuata, membranacea, 1—2 poll. longa, obtusa v. subobtusa, sæpius cum mucrone, integra v. undulata, subtus secus nervos minute puberula ; flores parvi, albi, subsessiles, glomerati ; capitula pedunculo longo, solitaria, v. vulgo in cymam laxam trichotomam puberulam disposita, axillaria et terminalia ; calyx subglaber, lobis linearibus lineam fere longis et calycis tubo longioribus ; capsulæ compresso-didymæ, semiorbilucares, circ. 2 lin. in diametro, pilis adpressis minutis adspersæ, carinis 4 nonnunquam subuliformibus notatæ et calycis lobis lanceolatis longis coronatæ.—*Andamans.*

79. Webera glomeriflora, nov. sp.

Arbuscula 20—30 pedalis, glabra v. gemmis pubescentibus ; stipulæ caducæ ; folia obovato-lanceolata ad elliptico-lanceolata, basi acuminata, petiolo 2—4 lin. longo glabro, 3—4 poll. longa, acuta v. apiculata, integra, crasse membranacea, glabra, crassinervia ; flores subsessiles, in cymam terminalem subsessilem pubescentem conglomerati ; calyx pubescens ; corolla... ; baccæ atræ, globosæ v. ovoideæ, pisi minoris magnitudine, læves, basi calycis limbi coronatæ, pedicello lineam circiter longo suffultæ.—*Pegu.*

80. Gardenia erythroclada, nov. sp.

Arbuscula rigida 15—25 pedalis, trunco ramisque lateritiis et spinis oppositis (ramulis reductis) armatis, novellis pubescentibus ; stipulæ caducissimæ ; folia obovato- ad cuneato-obovata, basi sæpius inæquali in petiolum ½—1 poll. longum pubescentem decurrentia, 4—6 poll. longa, obtusa, integra v. subintegra, membranacea, utrinque (præsertim subtus) pubescentia ; flores viridiusculi, dimorphi, fertiles in individuis iisdem v. separatis solitarii, sessiles v. subsessiles, apicibus ramorum abbreviatorum crassorum terminantes, fl. hermaphrodito-steriles pedicellis longis gracilibus pubescentibus instructi, fasciculos sessiles v. breviter pedunculatos terminales v. subaxillares formantes ; calyx pubescens, tubo in fl. fertilibus magis evoluto, lobis foliaceis, obovatis, 4—6 lin. longis ; corolla pubescens, tubo brevi amplo ; baccæ florum fertilium sessiles, ovi anatis magnitudine, ovoideæ, scabrescentes, brunneæ ob-

solete-costatæ ; eæ fl. sterilium pedunculo 1½—2 poll. longo stricto brunneo-pubescente suffultæ, cerasi minoris magnitudine, magis minusve globosæ, calycis limbo magno foliaceo coronatæ.—*Ava, Pegu.* &c.

81. Gardenia dasycarpa, nov. sp.

Arbuscula rigida spinis oppositis longis strictis armata, 12—15 pedalis, novellis villoso-pubescentibus ; stipulæ deciduæ ; folia obovato-oblonga, basi acuta v. acuminata, petiolo 1—2 lin. longo instructa, 1—2 poll. longa, integra, obtusa v. acuta, coriacea, supra retrorse puberula, subtus adpresse villoso-pubescentia ; flores...sessiles, solitarii e ramulorum crassorum verruciformium apicibus ; baccæ globosæ, corticosæ, pomini mayoris magnitudine, calycis limbo tubulari coronatæ.—*Prome, Tenasserim.*

82. Gardenia hygrophila, nov. sp.

Fruticulus 1—3 pedalis, ramis sæpius diffusis, glaberrimus ; stipulæ connatæ, glabræ v. sparse hirsutæ ; folia obovata ad obovato- et elliptico-oblonga, basi acuta, petiolo 2—3 lin. longo gracili, obtusa v. acuta, 2—2½ poll. longa, integra, membranacea, supra lucida, glabra ; flores mediocres, albi, in sicco nigrescentia, subsessiles, solitarii ex apicibus ramulorum v. in eorum furcationibus ; calyx glaber v. parce adpresse pubescens, 4 lin. fere longus, limbo campanulato, 5-fido, lobis lineari-lanceolatis acuminatis sparse ciliatis ; corolla lineam circiter longa, subirregulari-campanulato-infundibuliformis, lobis inæqualibus c. ½ poll, longis ; baccæ.......—*Pegu, Siam.*

83. Gardenia pulcherrima, nov. sp.

Arbor 30—35 pedalis, glabra ; stipulæ lato-triangulares,liberæ v. subliberæ ; folia lato- ad oblongo-lanceolata v. elliptico-oblonga, basi acuta, petiolo crasso 3—4 lin. longo, 3—5 poll. longa, breve acuminata, integra, coriacea, glaberrima, subtus in nervorum axillis glandulosa ; flores magni et speciosi, pedicello 2—3 lin. longo bracteato tomentoso instructi, terni v. plures cymam breve pedunculatam fulvescente tomentosam in ramulorum furcationibus v. pseudo-axillarem formantes ; calyx c. 3—3½ lin. longus, tomentosus, limbo amplo 5-dentato, dentibus ovatis acutis ; corolla glabra, alba, intus in fundo roseo-punctata, 1½ poll. longa, v. paullo longior, supra tubo brevissimo ventricoso-efflata ; baccæ globosæ, aurantii minoris magnitudine, corticosæ et scabræ, brunneæ, calycis limbo coronatæ.—*Andamans.*

84. Acranthera uniflora, nov. sp.

Herba perennis 4—6 poll. alta v. altior, parce pubescens ; folia ovalia ad ovali-lanceolata, basin obtusam v. rotundatam versus attenuata, petiolo gracili pubescente suffulta v. superiora subsessilia, 1—1½ poll. longa, membranacea, obtusiuscula v. acuta, integra, supra parce adpresse hirsuta, subtus secus nervos sparse pubescentia ; flores majusculi, albi, solitarii, sessiles v. subsessiles, terminales ; calyx fulvo-adpresse-hirsutus, tubo 2 lin. fere longo, lobis linearibus, 2—2½ lin. longis ; corolla hypocraterimorpha, tubo pollicem fere longo, adpresse pubescente, lobis dimidio longis elliptico-ovatis

acutis ; stylus profunde bifidus ; baccæ ellipticæ, pisi magnitudine, hirsutissimæ, calycis lobis linearibus terminatæ.—*Tenasserim.*

85. Urophyllum biloculare, nov. sp.

Arbor 25—30 pedalis, glabra ; stipulæ e basi lata subulato-acuminatæ. parce adpresse pubescentes ; folia oblongo-lanceolata ad lato-lanceolata, basi acuminata, petiolo 1—2 lin. longo suffulta, obtuse acuminata, 4—5 poll. longa, integra, chartacea, glabra ; flores minuti, sessiles, in fasciculos parvos axillares collecti ; calyx (in alabastro) truncatus, minute puberulus ; baccæ globosæ, aurantiacæ, pisi minoris magnitudine, obsolete bilobæ, calycis limbo brevi coronatæ, 2-loculares ; semina in loculo singulo 3—4, nigra, majuscula, placentæ centrali medio affixa.—*Martaban.*

86. Morinda leiantha, nov. sp.

Arbuscula ? scabrido-pubescens ; stipulæ ovato-lanceolatæ, acuminatæ, scabræ ; folia oblongo-lanceolata ad lanceolata, basi acuta v. acuminata, petiolo scabro 1—1½ poll. longo suffulta, 5—8 poll. longa, acuminata, integra v. subintegra, chartacea, utrinque præsertim subtus scabrido et parce pubescentia ; flores albi, majusculi, sessiles, in capitula parva oblonga pedunculata solitaria v. pluria ex axillis foliorum superiorum orientia v. terminalia conglomerati ; calyx truncatus ; corolla hypocraterimorpha, glabra, fauce glabra, tubo gracili ¾ poll. circiter longo, lobis ovato-lanceolatis ; baccæ.......—*Tenasserim.*

87. Morinda Wallichii, nov. sp.

Arbuscula ?, glaberrima ; stipulæ... ; folia oblongo-lanceolata ad oblongo-linearia, utrinque acuminata, petiolo ½—1½ poll. longo, 3—5 poll. longa, integra, crasse membranacea, glabra, subtus pallida ; flores parviusculi, albi, terni v. quaterni in capitula parva cymam terminalem glabram stricte pedunculatam formantia collecti ; calyx truncatus ; corolla glabra, tubo (in alabastro) ¼ poll. longo, lobis æquilongis, oblongo-linearibus obtusiusculis. —*Tenasserim.*

88. Psilobium capillare, nov. sp.

Arbuscula 20—25 pedalis, glaberrima, lucida ; stipulæ acuminatæ, rigidæ ; folia variabilia, iis *Pavettæ parvifloræ* similia, lanceolata ad oblongo-lanceolata et elliptico-oblonga, basi acuta, petiolo brevissimo 1—3 lin. longo suffulta v. subsessilia, magis minusve acuminata v. subobtusa, 3—5 poll. longa, integra v. undulata, rigide sed tenui coriacea, utrinque lævia et lucida ; flores parvi, albidi, sessiles v. subsessiles, pauci v. numerosi in capitulum parvum basi bracteis paucis lineari-subulatis rigidis involucratum pedunculatum congregati ; pedunculi axillares v. supra-axillares, solitarii, stricti, graciles v. capillares, 1—2 poll. longi, sursum sensim incrassati ; calyx lineam circiter in diametro, cupularis, 4-dentatus, dentibus triangularibus ciliolatis ; corolla brevis, hypocraterimorpha, fauce dense villosa, tubo 1½ lin. circiter longo ; baccæ.......—*Pegu ; Martaban ; Tenasserim.*

89. Vangueria pubescens, nov. sp.

Arbuscula decidua, 20—25 pedalis, pubescens, spinis oppositis rectis armata ; stipulæ subulatæ, pubescentes ; folia ovata ad elliptico-lanceolata, basi acuta v. cuneata, petiolo 2—3 lin. longo pubescente, breviter acuminata v. acuta, 2—3 poll. longa, integra, membranacea, supera breve et scabrido-subtus molli-pubescentia ; flores parvi, viridiusculi, pedicellis 2—3 lin. longis pubescentibus, in cymulas v. fasciculos e ramulis reductis verruciformibus v. ex foliorum axillis ortos dispositi ; calyx pubescens, lobis linearibus ; corolla pubescens ; stigma capitatum ; baccæ cerasi minoris magnitudine, $\frac{1}{3}$—$\frac{1}{2}$ poll. crassæ, læves, lutescentes, pyrenas 5—4 osseas monospermas continentes.—*Barma.*

90. Canthium gracilipes, nov. sp.

Frutex inermis, ramulis parce pubescentibus ; stipulæ ovatæ, subulato-acuminatæ, adpresse fulvo-pubescentes ; folia ovato-oblonga ad oblongo-lanceolata, basi acuta v. obtusa, petiolo tenui 1—2 lin. longe pubescente suffulta, 2—4 poll. longa, integra, acuminata, membranacea, nervis fulvo et tenui pubescentibus exceptis glabra ; flores parvi, pedicellis $\frac{1}{2}$—$\frac{3}{4}$ poll. longis capillaribus sparse adpresse pubescentibus instructi, solitarii v. gemini, e ramulis abbreviatis lateralibus orientes ; calyx glaber, hemisphæricus, $\frac{1}{2}$ lin. longus, dentibus 3-angularibus ; corolla... ; drupæ didymo-reniformes, apice sinuatæ, compressiusculæ, læves, pyrenas 2, (v. abortu 1) obsolete rugoso-tuberculatas dorso rotundatas includentes.—*Andamans.*

91. Gynochthodes macrophylla, nov. sp.

Frutex scandens, glaber, partibus omnibus in sicco nigrescentibus ; stipulæ geminatæ et breves, truncatæ ; folia elliptica ad elliptico-oblonga, basi acuta, petiolo semipollicari sustenta, magis minusve obtusiuscule apiculata, 3—5 poll. longa, integra, pergamacea, glabra, subtus in axillis nervorum fimbriato-glandulosa ; flores parvi, pedicello crasso 2—3 lin. longo sustenti, 4—5-ni in pedunculo verruciformi breve bracteato fasciculati ; calyx lineam circiter longus, glaber, tubo subgloboso, limbus truncatus, cyathiformis, tubi longitudinis ; corolla &c. ignota.—*Andamans.*

92. Psychotria Helferiana, nov. sp.

Frutex fulvo- v. brunneo-hirsutus ; stipulæ lanceolatæ, acuminatæ, fere ad basin bifidæ, dense adpresse ferrugineo-hirsutæ ; folia lanceolata, utrinque acuminata, petiolo adpresse brunneo-hirsuto $\frac{1}{2}$—1 pollicari sustenta, 3—4$\frac{1}{2}$ poll. longa, integra, membranacea, utrinque breve-hirsuta ; flores minuti, virescenti albidi, sessiles, in capitulas densas breve pedunculatas congregati et cymam compactiusculam v. laxam trichotomam ferrugineo-hirsutam terminalem (et axillarem ?) formantes ; calyx brunneo-hirsutus, lineam circiter longus, dentibus lanceolatis ; corolla glabra, fauce barbata, tubus lineam fere longus, lobi tubi longitudinis ; baccæ ovales, calycis limbo hirsuto coronatæ

pisi magnitudine, sparse hirsutæ, aurantiacæ ; pyrenæ carinato-triangulares ; albumen æquum.—*Tenasserim* or *Andamans.* (?)

93. Psychotria monticola, nov. sp.

Frutex humilis 1—3 pedalis glaber ; stipulæ bifidæ, lanceolatæ v. a basi lata acuminatæ, deciduæ ; folia lanceolata ad oblongo-lanceolata, utrinque acuminata, petiolo ½—1 pollicari, 4—6 poll. longa, integra, crasse membranacea, glabra, paullulo glaucescentia ; flores parvi, albi, sessiles, in capitula 3 brevè pedunculata v. subsessilia bracteata dense congregati et cymam depauperatam pedunculo crasso sæpius villosulo ½—1½ pollicari suffultam terminalem v. e ramulorum furcationibus orientem formantes ; calyx lineam circiter longus, glaber v. obsolete pubescenti-ciliatus, 5-fidus, lobis lanceolatis subulato-acuminatis ; corolla glabra, fauce villosa, tubus lineam circiter longus, lobi tubi longitudinis ; baccæ oblongæ, pisi magnitudine, rubræ, lucidæ, calycis limbo coronatæ ; pyrenæ longitudinaliter sulcatæ et costatæ (costis 3—4) ; albumen spurie ruminatum.—*Martaban, Tenasserim.*

94. Psychotria viridissima, nov. sp.

Fruticulus 1½—2 pedalis glaberrimus ; stipulæ verosimiliter lato- et breve triangulares, valde deciduæ ; folia ovato-oblonga ad elliptico-lanceolata, basi cuneatâ in petiolum subgracilem ½—1½ poll. longum decurrentia, magis minusve acuminata, 4—7 poll. longa, integra, tenere membanacea et flaccida, glabra, viridia ; flores parvi, albìdi, pedicello crasso c. lin. longo suffulti cymam corymbiformem trichotomam breve (⅓—1 poll.) pedunculatam glaberrimam terminalem formantes ; calyx glaber, brevissimus, obsolete dentatus ; corolla fauce barbata, tubo amplo infundibuliformi lin. longo v. paullo longiore, lobis paullo brevioribus ; baccæ....—*Martaban, Tenasserim.*

95. Psychotria calocarpa, nov. sp.

Suffrutex 1—1½ pedalis subherbaceus, rhizomate repente, ramulis junioribus magis minusve crispulo-puberulis ; stipulæ bifidæ, e basi latiori subulato-acuminatæ et sæpius apicibus brunnescenti-pubescentes ; folia oblonga et ovata ad ovato-oblonga, basi acuta, petiolo crasso crispo-tomentosulo suffulta, acuta ad acuminata, 3—7 poll. longa, integra, pergamacea, glabra v. vulgo subtus secus nervos indistincte puberula ; flores parvi, albi, pedicellis brevissimis crassis, cymam breve (-½ poll.) pedunculatam contractiusculam erectam v. nonnunquam nutantem tomentellam terminalem v. spurie axillarem efformantes ; calyx lineam fere longus, 4-fidus, lobis lanceolatis obtusis viridibus ; corolla intus albo-villosa, tubus calycis segmentorum longitudine, limbi lobi breves, oblongi, obtusiusculi ; baccæ calycis lobis conspicuis coronatæ, ellipticæ, pisi magnitudine, lucidæ, coccineæ ; semina membrana alba tenui tantum induta, plano-convexa, lævia ; albumen æquum. —*Pegu, Martaban, Tenasserim.*

96. Ixora (Pavetta) compactiflora, nov. sp.

Frutex ? glaber ; stipulæ breve ovatæ, acutæ ; folia elliptica ad lato-

lanceolata, basi cuneata in petiolum $\frac{1}{4}$—$\frac{1}{2}$ pollicarem crassum attenuata, longiuscule acuminata, 3—5 poll. longa, integra, subpergamacea, glaberrima, in sicco nigrescentia ; flores parvi, sessiles v. subsessiles, capitulum densum circiter pollicem crassum involucratam terminalem v. spurie lateralem formantes ; involucri bracteæ parvæ et inconspicuæ, lato-ovatæ, imbricatæ ; calyx lineam circiter longus, glaber, dentibus oblongis obtusis semilinealibus; corolla glabra, tubo 3 lin. tantum longo, ampliuscula, lobi oblongi, obtusi, tubi longitudinis ; baccæ.—*Tenasserim.*

97. Ixora (Pentadium) Helferi, nov. sp.

Frutex ? glaber ; stipulæ lato-ovatæ, acuminatæ, glabræ ; folia oblongo-lanceolata, utrinque acuminata, petiolo 3—4 lin. longo, integra, 5—8 poll. longa, tenui membranacea, in sicco nigrescentia ; flores majusculi, pedicello crasso puberulo usque ad lineam longo sustenti, cymulosi et paniculam thyrsoideam brachiatam longe pedunculatam sparse puberulam efformantes ; bracteolæ lineari-subulatæ unacum bracteis glabræ ; calyx $1\frac{1}{2}$ lin. fere longus, minute puberulus, dentibus 5 lanceolatis acutis calycis tubi longitudine ; corolla (in alabastro) extus minute fulvo-pubescens, lobi duplo breviores ; baccæ....—*Tenasserim.*

98. Ixora sessiliflora, nov. sp.

Frutex magnus ramosus glaberrimus ; stipulæ e basi latâ rotundatâ abrupte acuminatæ ; folia oblonga ad oblongo-lanceolata, basi rotundata, petiolo crasso 2—3 lin. longo suffulta, breve acuminata, 3—4 poll. longa, integra, tenui coriacea, glabra ; flores (inprimis tubus) pallide rosei, parviusculi, sessiles, corymbum parviusculum trichotomum glabrum efficientes ; pedunculus semipollicaris ; calyx $\frac{1}{2}$ lin. longus, glaber, dentibus brevissimis ; corolla glabra, tubo gracili fere $\frac{2}{3}$ pollicari, lobi ovato-oblongi, acutiusculi ; stigma breviter exertum ; baccæ....—*Martaban.*

99. Ixora memecylifolia, nov. sp.

Frutex glaber ; stipulæ e basi latâ abrupte et longe subulatæ ; folia ovata v. ovato-oblonga, subsessilia, basi rotundata v. subcordata, $2\frac{1}{2}$—4 poll. longa, acuminata, integra, tenui-coriacea, glabra, in sicco nigrescentia v. fuscescentia ; flores parvi, albi ? v. pallide rosei ?, sessiles, corymbum longius v. brevius pedunculatum trichotomum glabrum terminalem vulgo ad basin diminute bifoliolatum formantes ; bracteæ parvæ, lineares ; calyx glaber, lineam circiter longus, dentibus fere calycis tubi longitudine lanceolatis ; corolla glabra, tubo circ. 4 lin. longo, lobi dimidio fere breviores ; stylus longe-exsertus, apice bilobus ; baccæ....—*Tenasserim.*

100. Ixora Brandisiana, nov. sp.

Frutex glaber ; stipulæ e basi latâ subulato-acuminatæ ; folia oblongo-ovata ad oblonga, petiolo brevissimo crasso suffulta v. subsessilia, basi rotundata, 4—6 poll. longa, acuminata, integra, tenui-coriacea, glabra, in sicco nigrescentia ; flores longissimi, albi ?, brevissime pedicellati, cymam par-

vam trichotomam minute puberulam brevissime pedunculatam terminalem formantes ; bracteæ parvæ, lanceolatæ, acuminatæ, superiores angustiores et minores ; calyx lineam longus, glaber, lobis lanceolatis acutis, calycis tubi longitudine ; corolla glabra, fauce villosa, tubo gracillimo 1½—2 pollicari, lobi lineari-oblongi, acuti, 3—3½ lin. longi ; stylus exsertus lobis stigmaticis brevissimis ; baccæ....—*Tenasserim.*

101. Ixora brunnescens, nov. sp.

Arbuscula 20—25 pedalis glabra ; stipulæ e basi lata abrupte subulato-acuminatæ ; folia magis minusve obovata, basi rotundata v. obtusa, crasse et brevissime (-1 lin.) petiolata v. subsessilia, 4—6 poll. longa, obtusa v. obtusiuscule apiculata, integra v. undulata, coriacea, glabra, nervis lateralibus approximatis et subparallelis ; flores...graciliter pedicellati, cymulosi, corymbum brachiatum trichotomum breve (1—1½ poll.) pedunculatum glabrum terminalem formantes ; calyx parvus, glaber, dentibus minutis triangulari-acutis ; corolla... ; baccæ globosæ, calycis limbo coronatæ, pisi minoris magnitudine, læves.—*Andamans.*

102. Ixora rosella, nov. sp.

Frutex glaber ; stipulæ ovatæ, acuminatæ ; folia oblongo-lanceolata ad elliptico-oblonga, basi acuminata, petiolo crasso ½—1 poll. longo suffulta, breve et subabrupte acuminata, 6—9 poll. longa, integra, coriacea, glabra, subtus pallida ; nervis lateralibus tenuibus, satis approximatis et leviter curvato-parallelis ; flores minores, pallide rosei, pedicellis 1—3 lin. longis suffulti, cymulosi, in corymbum subsessilem brachiato-trichotomum minute puberum terminalem dispositi ; calyx ½ lin. longus, minute puberus dentibus minutis lato-triangularibus acutis et obtusis ; corolla glabra, tubo pollicem circiter longa, lobi oblongi, obtusi, quadruplo breviores ; stylus breviter exsertus lobis stigmaticis crassis vix separatis ; baccæ globosæ, pisi minimi magnitudine, calycis limbo coronatæ, læves.—*Andamans.*

COMPOSITÆ.

103. Leucomeris decora, nov. sp.

Arbuscula 12—15-pedalis, decidua, novellis albido-villosis ; folia elliptico- ad oblongo-lanceolata, basi inæquali acuta, petiolo ½—1 poll. longo glabro suffulta, 5—7 poll. longa, membranacea, acuminata, glabra v. subglabra ; capitula brevi squamato-pedunculata in ramorum apicibus dense aggregata ; involucrum elongato-cyathiforme, in pedunculum imbricato-sqamatum, 3—4 lin. longum attenuatum ; squamæ lanceolatæ, deorsum sensim minores, rigidæ, tenui-arachnoideæ, virides ; flosculi fragrantes, albi, pollicem fere longi ; pappus pallide fulvescens, semipollicaris ; achenia semipollicaria, sulcata, dense adpresse villoso-sericea.—*Prome.*

104. Ainsliæa Brandisiana, nov. sp.

Herba perennis, erecta, 1—3-pedalis parce villosa ; folia rosulata, cordato-oblonga ad cordato-elliptica, petiolo $\frac{1}{2}$—2 poll. longo, stupposo-villoso crasso suffulta, 2—4 poll. longa, acuta v. obtusiuscula, marginibus integris dense villosis, crasse membranacea, præsertim subtus plus minusve hirsuta, supra sæpius glabrescentia ; capitula in scapo radicali paniculata, pedunculis $\frac{1}{2}$—1-pollicaribus glanduloso-puberis suffulta ; bracteæ minutæ, subulatæ, subrigidæ ; involucri squamæ lineari-lanceolatæ, acutæ, rigidæ, 4-lin. longæ, inferiores duplo v. triplo breviores, læves, virides, albido-marginatæ ; flosculi albi, $\frac{1}{2}$ poll. fere longi ; achenia 2—3 lin. longa, adpresse pubescentia ; pappus flavidus, c. 4 lin. longus.—*Martaban.*

105. Tricholepis Karensium, nov. sp.

Herba annua, robusta, ramosa, 2—3 pedalis, parce pubescens ; folia caulina linearia ad lineari lanceolata, $2\frac{1}{2}$—3 poll. longa, basi in petiolum brevissimum attenuata, acuminata v. acuta, remote setaceo-denticulata, membranacea, parce arachnoideo-pubescentia, supra glabrescentia ; capitula magna, 2 poll. fere in diametro, terminalia, solitaria, sessilia ; involucri squamæ numerosissimæ, densissimæ imbricatæ, subulatæ, 1—$1\frac{1}{2}$ poll. longæ, albido-pilosæ ; flosculi purpurei ? achenia 3—4 lin. longa, lævia ; pappus inæqualis achenio duplo circiter longior, flavescens, pilosus.—*Martaban.*

Monograph of Indian Cyprinidæ, (Part VI),—*by Surgeon Major* Francis Day.

Since the commencement of this Memoir on the carps of India, in the Journal of the Asiatic Society of Bengal, (vol. XL, Pt. II, 1871) several new or little known species have been personally collected, or received through the kindness of friends. All of these require to be fully described, (except *Labeo boggut*, Sykes, and *Cirrhina dero*, Ham. Buch., see ante J. A. S. B. 1872, pp. 259 and 960) ; likewise a few corrections have to be noted.

Discognathus lamta.

In Journ. A. S. B. for 1871, Pt. II, p. 110, for D. $\frac{3}{8}$, V. 10, *read* D. $\frac{3-2}{8-9}$, V. 9, Vert. 18/14.

A very interesting variety of this species has been kindly collected for me by Dr. Waagen from the Nilwan ravine near the Shapur salt ranges. The depression across the snout is very deep, and the dorsal fin is concave along its upper margin and higher than the body.